

STATUS OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (original) A composition of matter comprising a plurality of cells containing a diverse population of expressible oligonucleotides operationally linked to expression elements, said expressible oligonucleotides having a desirable bias of random codon sequences produced from random combinations of first and second oligonucleotide precursor populations having a desirable bias of random codon sequences.

88. (original) A processed gVIII fusion protein comprising a functional portion of the gVIII protein of a filamentous bacteriophage which causes expression of said processed gVIII fusion protein on the surface of said filamentous bacteriophage from an infected compatible host cell and a polypeptide sequence other than gVIII fused to said functional portion of gVIII.

89. (previously presented) The processed gVIII fusion protein of claim 88, wherein said functional portion of the gVIII fusion protein is encoded by a non-identical copy of gVIII having a nucleotide sequence different than wild type gVIII.

90. (previously presented) A filamentous bacteriophage comprising the processed gVIII fusion protein of claim 89 expressed on its surface.

91. (original) A processed gVIII fusion protein comprising a functional portion of the gVIII protein of a filamentous bacteriophage which causes expression of said processed gVIII fusion protein on the surface of said filamentous bacteriophage from an infected compatible host cell and a polypeptide sequence other than gVIII fused to said functional portion of gVIII, wherein said functional portion of the gVIII fusion protein is encoded by a gVIII, or modification thereof.